

Broadstrike RC Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.11 Application

Application Number: 2015-5720
Application: Category B, Subcategory 3.11 Application (new or changes to product labels – new pests)
Product: Broadstrike RC Herbicide
Registration Number: Reg. No. 27004
Active ingredients (a.i.): flumetsulam [FLM]
PMRA Document Number : 2620087

Background

Broadstrike RC Herbicide (Reg. No. 27004) was first registered in November of 2002. Broadstrike RC Herbicide contains 80% w/w flumetsulam (Group 2 Herbicide) and is labelled for the control of certain annual broadleaved weeds in hybrid field corn and soybeans grown in eastern Canada. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

Dow AgroSciences Canada Inc. has applied to amend the registration of Broadstrike RC Herbicide to include the following:

1. A suppression claim for horsetail when Broadstrike RC Herbicide is applied at:
 - a. 62.5 g/ha (50 g ai/ha) surface preplant, preplant incorporated, pre-emergence or early post-emergence in field corn; and
 - b. 87.5 g/ha (70 g ai/ha) preplant incorporated in soybean.

2. A suppression claim for wild carrot when Broadstrike RC Herbicide is applied at:
 - a. 87.5 g/ha (70 g ai/ha) surface preplant, preplant incorporated or pre-emergence in soybean.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Horsetail and wild carrot are weeds common to Eastern Canada and can be problematic pests infesting both corn and soybean. Inclusion of these pests on the list of labelled weeds that will be suppressed or controlled by Broadstrike RC Herbicide would be of value to both corn and soybean growers in eastern Canada who have these weeds infesting their land.

A rationale was provided for review. Based on the weight of available evidence, suppression of horsetail and wild carrot in soybean (70 g ai/ha rate) would be expected when Broadstrike RC Herbicide is applied as per label directions.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Broadstrike RC Herbicide by including a suppression claim for horsetail and wild carrot in soybean (70 g ai/ha rate).

References

PMRA Doc Number	Reference
2576670	2015, 151022 Summary - Add wormseed mustard, common chickweed, horsetail, wild carrot - Broadstrike RC Herb, DACO: 10.1.
2616965	Soltani, N., K. McNaughton and P.H. Sikkema. 2015. Field Horsetail (<i>Equisetum arvense</i> L.) control in corn. <i>Can. J. Plant Sci.</i> 95:983-986.

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